

इंटरनेट

मानक

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Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 6834-3 (1976): Specification for Conveyor Chains, Chain-wheels and Attachments, Part III: Attachments [MED 6: Continuous Bulk Conveying, Elevating, Hoisting Aerial Ropeways and Related Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartrhari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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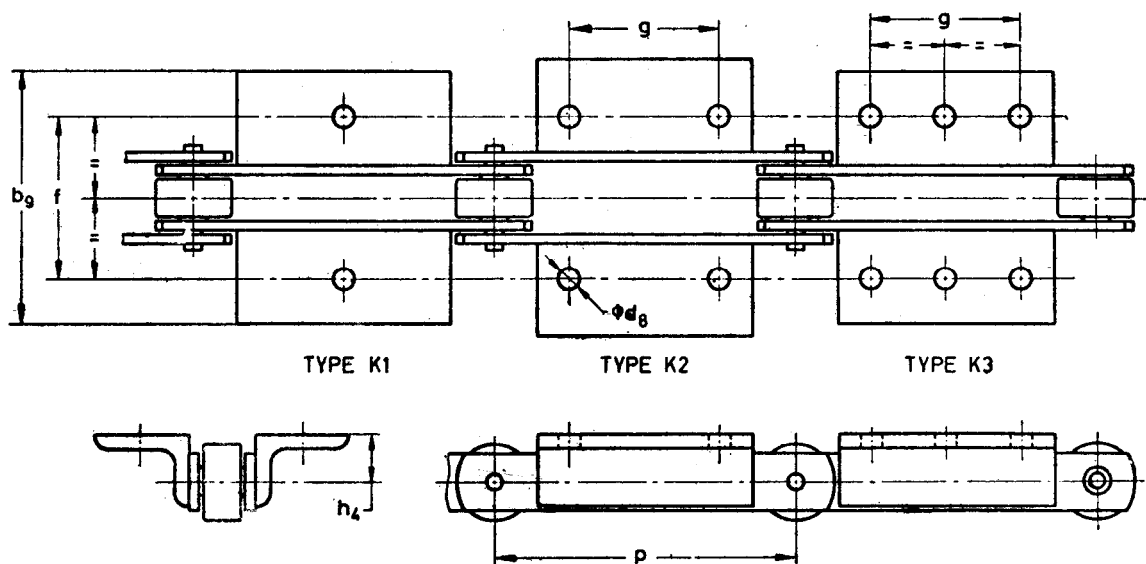
## Indian Standard

SPECIFICATION FOR  
CONVEYOR CHAINS, CHAIN-WHEELS AND ATTACHMENTS  
PART III ATTACHMENTS

**1. Scope** — Covers the requirements for *K* attachments and deep plate attachments for use with conveyor chains and chain-wheels.

**2. Types** — The *K* attachment shall be of the following three types:

- K1 Attachment* — With one attachment hole centrally disposed in each plate.
- K2 Attachment* — With two attachment holes disposed in each plate as shown in figure in 3.1.
- K3 Attachment* — As *K2* but with a third hole centrally positioned between the other two.

**3. Dimensions****3.1 K Attachments**

All dimensions in millimetres.

Chain Number	Hole Diameter $d_s$	Platform Height $h_s$	Transverse Distance Between Hole Centres	Width Over Attachments $b_s(\text{Max})$	Longitudinal Distance Between Hole Centres					
					Short		Medium		Long	
					$p \text{ Min}^*$	$g$	$p \text{ Min}^*$	$g$	$p \text{ Min}^*$	$g$
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
M20	6.6	16	54	84	63	20	80	35	100	50
M28	9.0	20	64	100	80	25	100	40	125	65
M40	9.0	25	70	112	80	20	100	40	125	65
M56	11.0	30	88	140	100	25	125	50	160	85
M80	11.0	35	96	160	125	50	160	85	200	125
M112	14.0	40	110	184	125	35	160	65	200	100
M160	14.0	45	124	200	160	50	200	85	250	145
M224	18.0	55	140	228	200	65	250	125	315	190
M315	18.0	65	160	250	200	50	250	100	315	155
M450	18.0	75	180	280	250	85	315	155	400	240
M630	24.0	90	230	380	315	100	400	190	500	300
M900	30.0	110	280	480	315	65	400	155	500	240
MC28	9.0	25	70	112	80	20	100	40	125	65
MC56	11.0	35	88	152	125	50	160	85	200	125
MC112	14.0	45	110	192	160	50	200	85	250	145
MC224	18.0	65	140	220	200	50	250	100	315	155

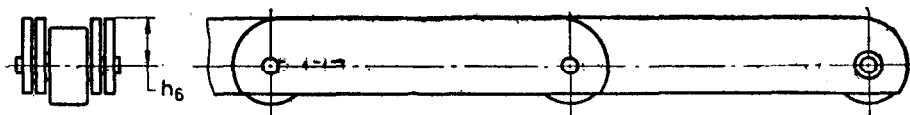
\*Minimum chain pitch for  $g$ .

Adopted 28 July 1976

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### 3.2 Deep Plates



All dimensions in millimetres.

Chain Number	M20	M28	M40	M56	M80	M112	M160	M224	M315	M450	M630	M900	MC28	MC56	MC112	MC224
Plate Height $h_6$	16	20	22.5	30	32.5	40	45	60	65	80	90	120	22.5	32.5	45	65

**4. Material** — The attachments may be manufactured from rolled steel angle conforming to IS : 226-1969 'Structural steel (standard quality) (fourth revision)'.

### 5. Requirement

#### 5.1 K Attachment

**5.1.1** The attachments are illustrated as being manufactured from rolled steel angle section fastened to the chain plates but actual construction is at the discretion of the manufacturer and may include integral chain plates bent over to form the platform, or fabricated construction.

**5.1.2** The length of the attachment shall be at the discretion of the manufacturer but shall be sufficient to accommodate the attachment holes of the K2 attachments.

**5.1.3** Attachments may be fitted on one or both sides of the chain.

**5.2 Deep Plates** — Requirements, including chain breaking strength shall be as for basic chain plates.

**6. Preservation** — When the attachments are to be used in atmospheres corrosive in nature, suitable anti-corrosive coating shall be employed.

**7. Marking** — The attachment shall be marked with manufacturer's name and/or trade-mark, the type of attachment and the appropriate chain number for which the attachment is suitable.

**7.1 Certification Marking** — Details available with the Bureau of Indian Standards.

## EXPLANATORY NOTE

This standard is in conformity with ISO 1977/III-1974 'Conveyor chains attachments and chain wheels: Part III Attachments — Metric Series' issued by International Organization for Standardization. Other standards in this series are:

IS : 6834 (Part I)-1973 'Specification for conveyor chains, chain-wheels and attachments: Part I Chains'

IS : 6834 (Part II)-1976 'Specification for conveyor chains, chain-wheels and attachments: Part II Chain-wheels'

While preparing this standard assistance has been taken from BS4116 : 1971 'Specification for steel roller chains, chain-wheels and attachments for conveyor' issued by the British Standards Institution.